

# VISTA SYSTEMS

## TYPE 411 TELEVISION COLOR SYNC GENERATOR



- DIGITAL COUNTER TIMING
- INCLUDES FULLY REGULATED POWER SUPPLIES
- FOR BROADCAST AND CLOSED CIRCUIT SYSTEMS
- TWO SOURCE OUTPUTS OPTIONAL
- STABILITY PER FCC AND EIA-RS-170

### TYPE 411 TELEVISION COLOR SYNC GENERATOR

The Vista Systems TYPE 411 COLOR TELEVISION SYNC GENERATOR provides all synchronizing waveforms necessary for operation of broadcast or closed-circuit systems. By selecting the appropriate ordering options, the TYPE 411 can be obtained with one or two source terminated outputs per waveform, and with timing stability suitable for use in closed-circuit systems, or in systems requiring the stability specified in EIA-RS-170 and the Rules and Regulations of the Federal Communications Commission. Front-panel test jacks are also available as an option. The TYPE 411 includes fully regulated power supplies. Timing of all waveforms is determined by digital counters driven by one crystal-controlled reference oscillator.

### SPECIFICATIONS:

**Available Waveforms:** Horizontal drive, vertical drive, composite sync, composite blanking, subcarrier, burst flag.

**Pulse Timing Accuracy:** As specified in EIA RS-170.

**Subcarrier Frequency:** Basic Instrument: 3.579545 MHz  $\pm$  10 Hz.

**Pulse Amplitudes:** 4 volts within 0.2 volts into 75 ohms.

**Subcarrier Amplitude:** 2 volts within 0.2 volts into 75 ohms.

**Pulse Rise Times:** 100 ns within 20 ns.

**Ambient Temperature:** +20° to +130° F.

**Dimensions:** Occupies space 1-3/4" high by 9" deep in an EIA standard 19" rack. Weight 3 lbs.

**AC Supply:** 105 to 130 volts, 55 to 65 Hz, 5 watts.

**Connectors:** Type BNC on rear panel.

ORDER: TYPE 411 COLOR TELEVISION SYNC GENERATOR ..... \$875.00  
Option 01: Dual outputs, front panel test jacks ..... \$ 75.00

*For the name of your nearest Vista representative or distributor.*

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